

	Number of wells analyzed (# of samples)	Number of wells w/ detects (# of samples)	Number of wells w/ detects located in a 'moderate' or 'high' vulnerability*	Number of wells w/ detects in areas of dense irrigation(>= 108 irrigation wells/township)*	Percentage of wells w/detects meeting either the vulnerability or well density criteria	Percentage of all wells meeting either the vulnerability or well density criteria	Number of wells exceeding ½ of respective MCL or other standard (and meeting vulnerability or well density criteria)	Number of wells exceeding respective MCL or other standard (and meeting vulnerability or well density criteria)
alachlor	76 (77)	0	0	0	0	91	0 (0)	0 (0)
atrazine	76 (77)	0	0	0	0	91	0 (0)	0 (0)
desethyl atrazine	1 (2)	0	0	0	0	100		
desisopropyl atrazine	1 (2)	0	0	0	0	100		
didealkyl atrazine	0	0	0	0	0	0		
metolachlor	76 (77)	0	0	0	0	91	0 (0)	0 (0)
simazine	1 (2)	0	0	0	0	100	0 (0)	0 (0)
Totals	76 (237)	0	0	0	0	91		

Percentage of Samples by Well Type (1990 - present)

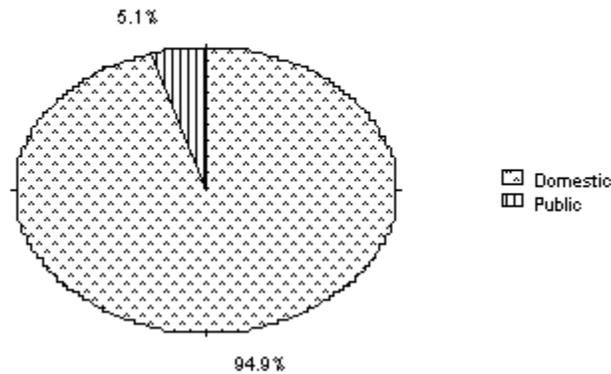


Figure 43. Summary of the samples analyzed for PMP herbicides since 1990 in the Upper Loup NRD. Taken from the Quality-assessed Agrichemical Contaminant Database for Nebraska Ground Water, February, 2001 update. * see the vulnerability discussion for an explanation of these criteria.